

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020822\
 Data File : VY007431.D
 Acq On : 08 Feb 2022 14:23
 Operator : SY/MD
 Sample : N1432-04
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2

Quant Time: Feb 09 00:54:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	102673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	185985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	69039	58.459	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.920%
35) Dibromofluoromethane	7.716	113	64627	51.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.240%
50) Toluene-d8	10.179	98	238662	51.595	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.180%
62) 4-Bromofluorobenzene	12.483	95	84453	53.715	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.440%

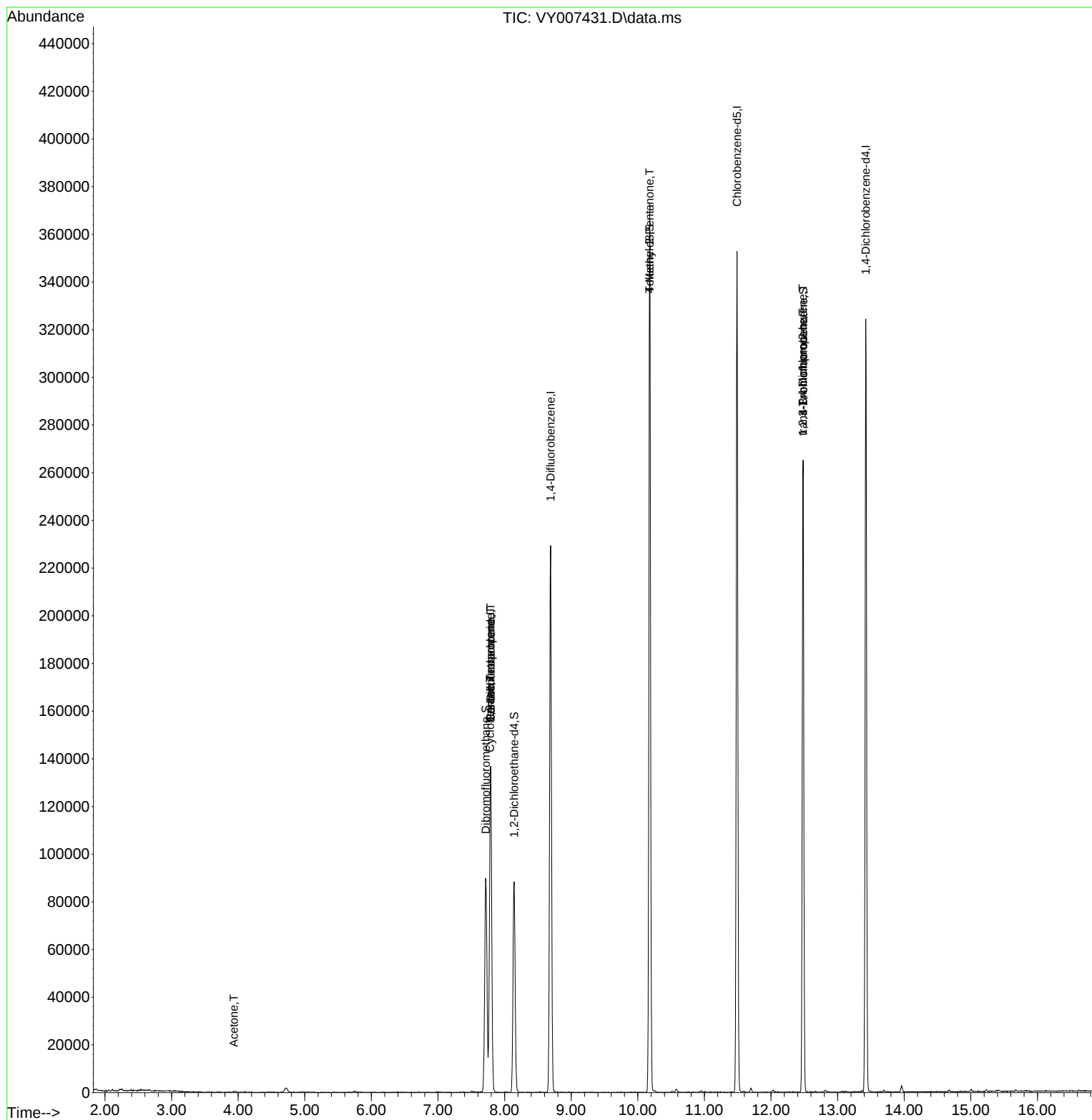
Target Compounds					Qvalue
3) Chloromethane	2.113	50	438	Below Cal	# 80
11) Tert butyl alcohol	4.948	59	95	Below Cal	# 77
16) Acetone	3.936	43	458	1.194	ug/l # 47
20) Methylene Chloride	4.722	84	1627	Below Cal	# 61
31) Cyclohexane	7.783	56	2374	1.030	ug/l # 11
36) 1,1-Dichloropropene	7.789	75	8638	3.946	ug/l # 51
38) Carbon Tetrachloride	7.789	117	11249	4.892	ug/l # 16
51) 4-Methyl-2-Pentanone	10.179	43	1062	1.029	ug/l # 1
76) 1,2,3-Trichloropropane	12.477	75	45636	48.864	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.477	75	45636	97.896	ug/l # 7

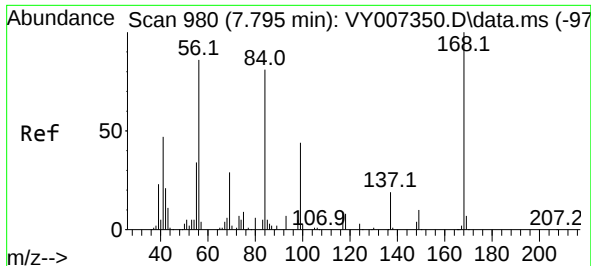
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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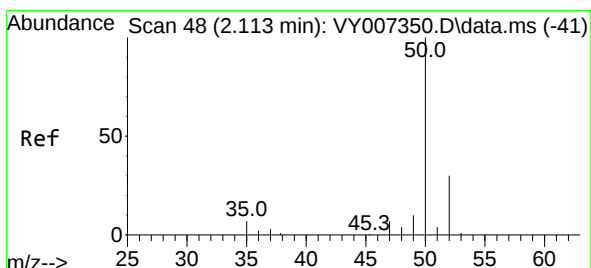
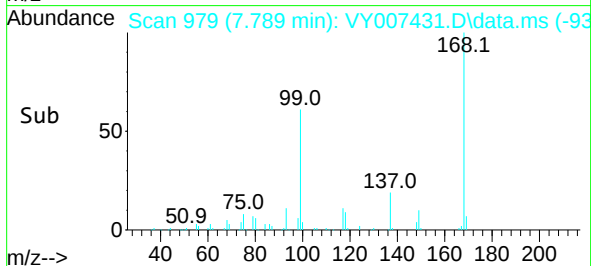
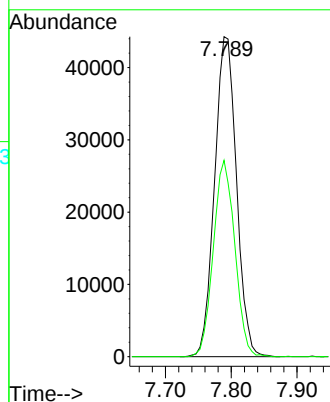
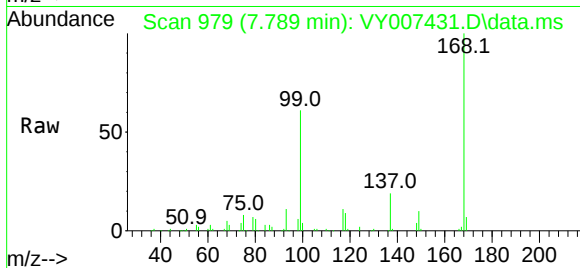




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

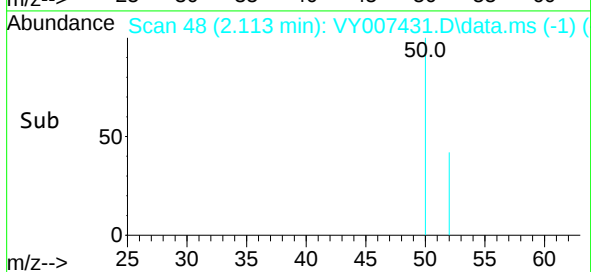
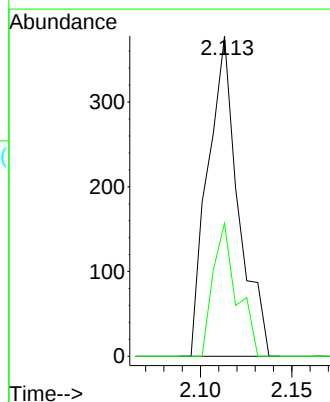
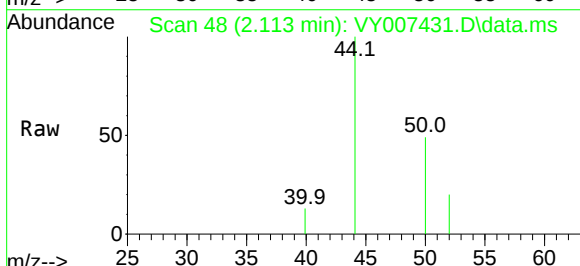
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

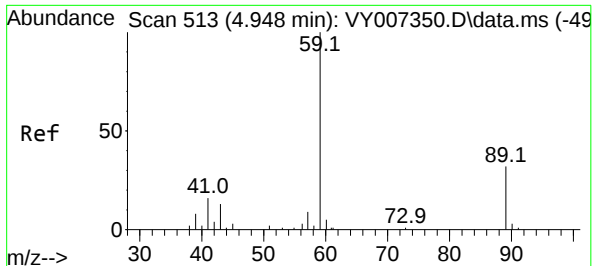
Tgt Ion:168 Resp: 102673
Ion Ratio Lower Upper
168 100
99 61.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

Tgt Ion: 50 Resp: 438
Ion Ratio Lower Upper
50 100
52 41.5 24.6 37.0#

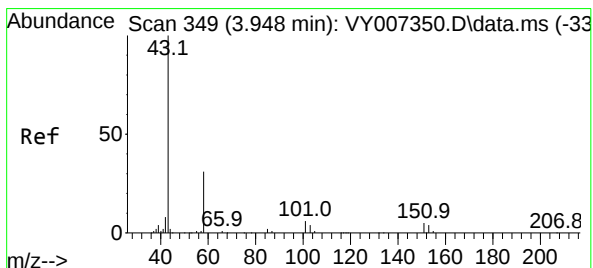
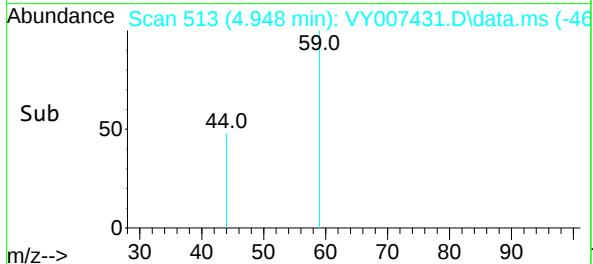
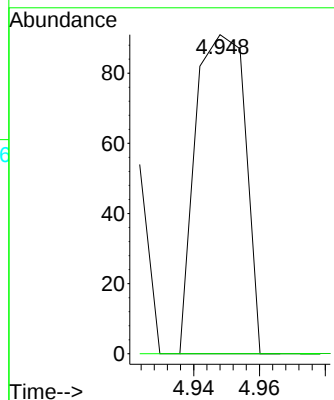
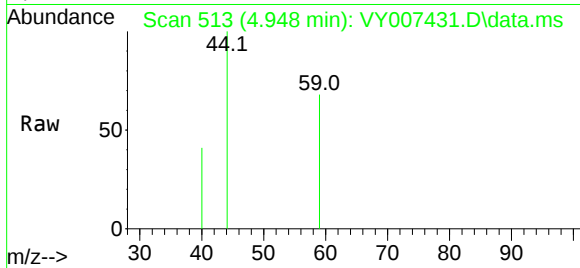




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

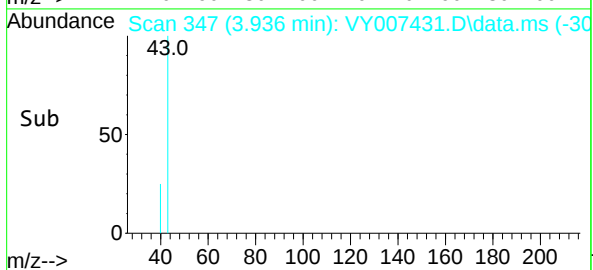
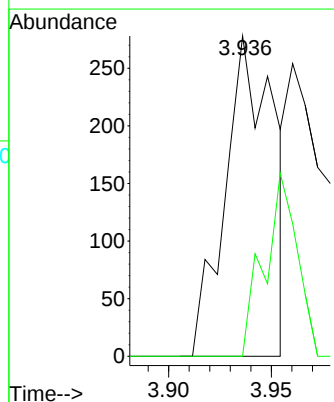
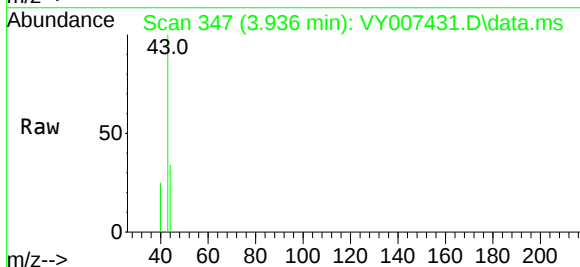
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

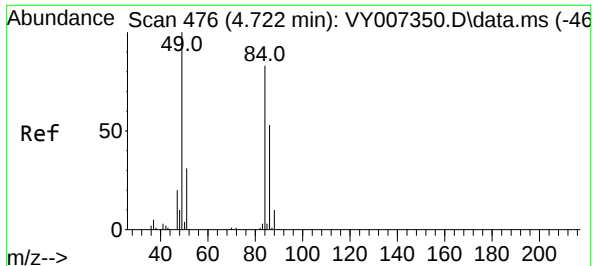
Tgt Ion: 59 Resp: 95
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 1.194 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

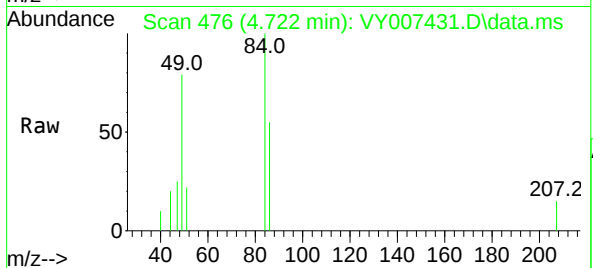
Tgt Ion: 43 Resp: 458
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





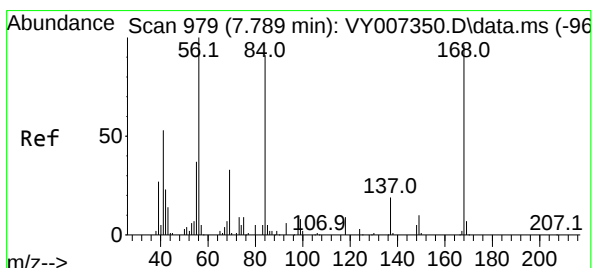
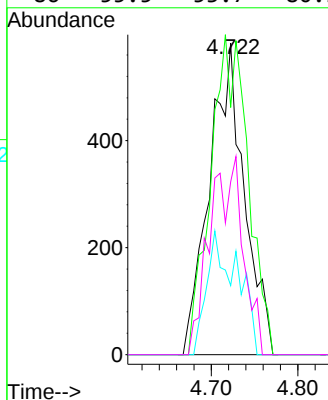
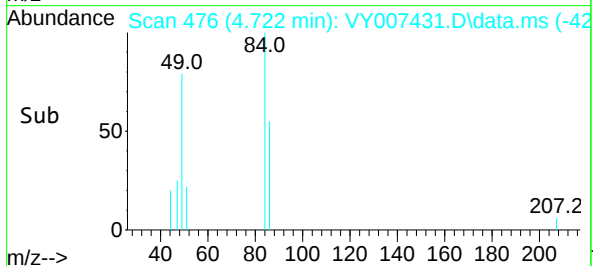
#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

Instrument :
MSVOA_Y
ClientSampleId :
SP-2

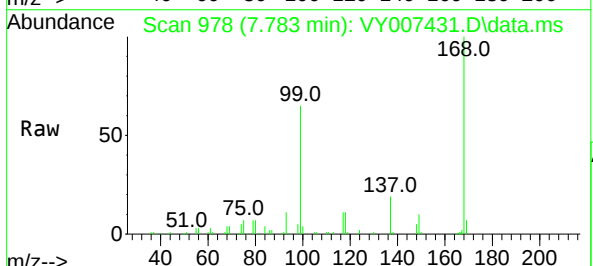


Tgt Ion: 84 Resp: 1627

Ion	Ratio	Lower	Upper
84	100		
49	79.4	114.4	171.6#
51	22.2	35.3	52.9#
86	55.5	53.7	80.5

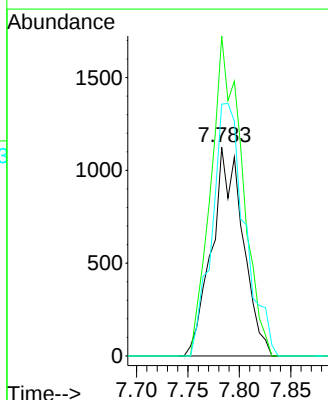
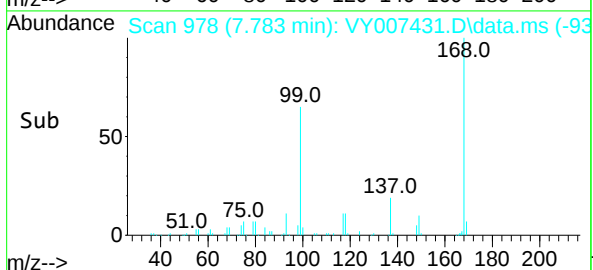


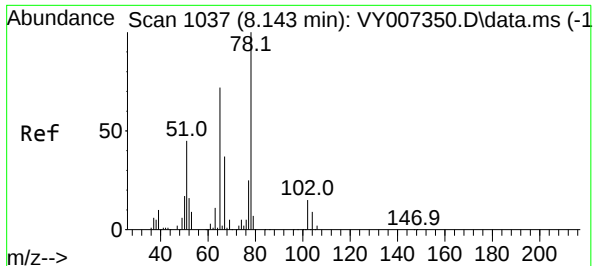
#31
Cyclohexane
Concen: 1.030 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23



Tgt Ion: 56 Resp: 2374

Ion	Ratio	Lower	Upper
56	100		
69	153.4	26.7	40.1#
84	120.7	67.2	100.8#

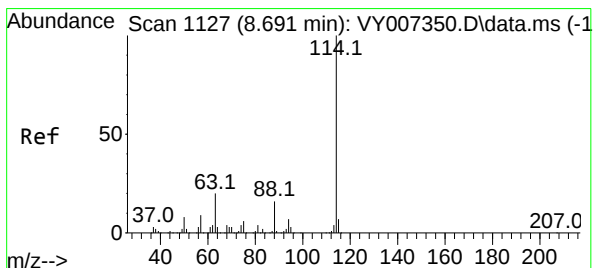
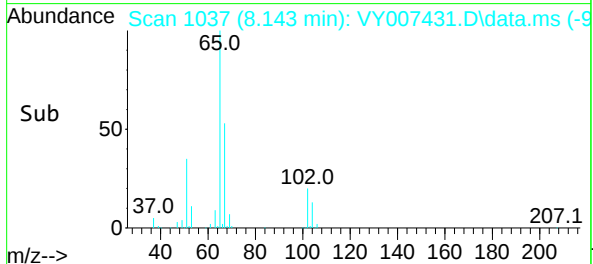
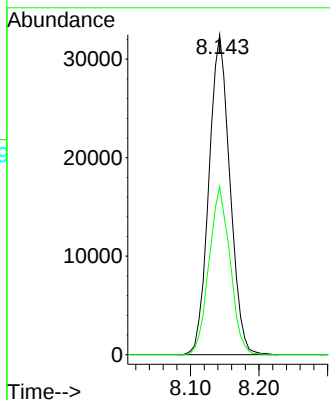
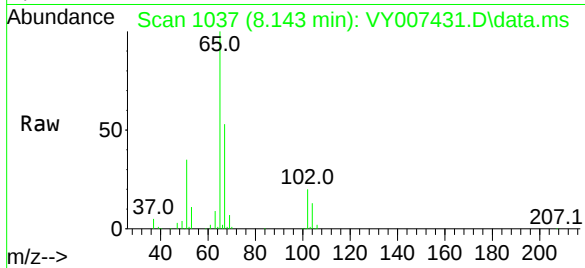




#33
1,2-Dichloroethane-d4
Concen: 58.459 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

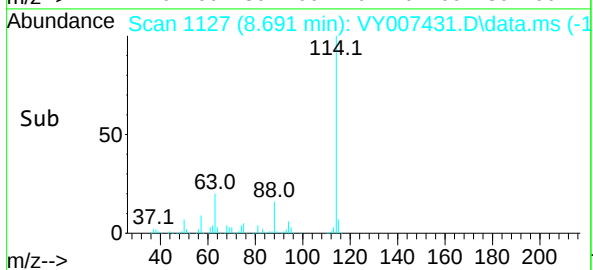
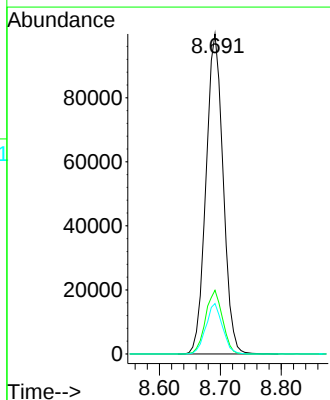
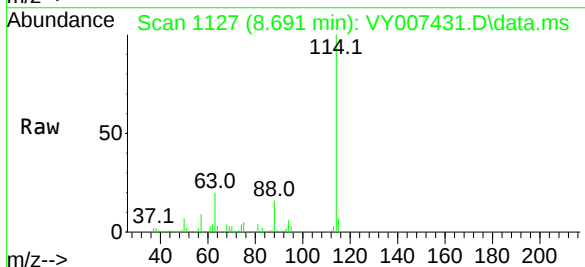
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

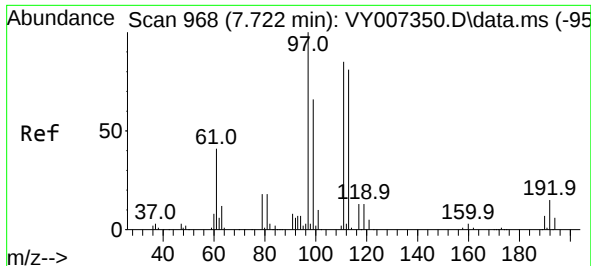
Tgt Ion: 65 Resp: 69039
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

Tgt Ion: 114 Resp: 194982
Ion Ratio Lower Upper
114 100
63 19.9 0.0 43.2
88 15.8 0.0 31.8

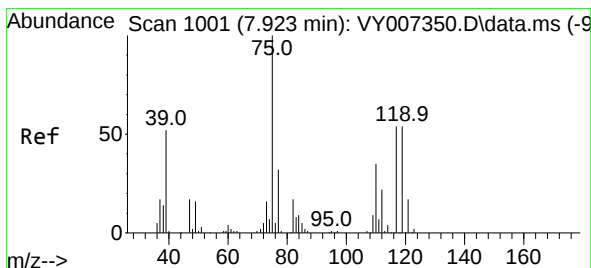
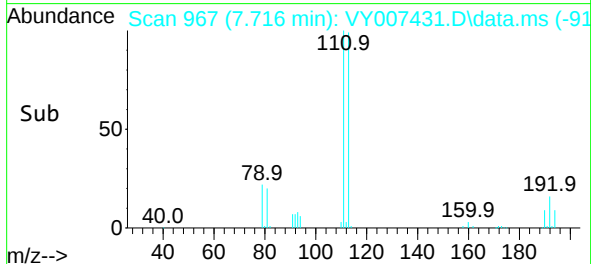
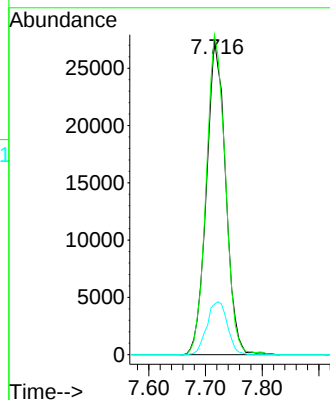
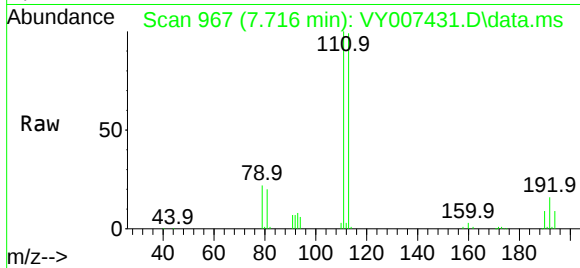




#35
Dibromofluoromethane
Concen: 51.617 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

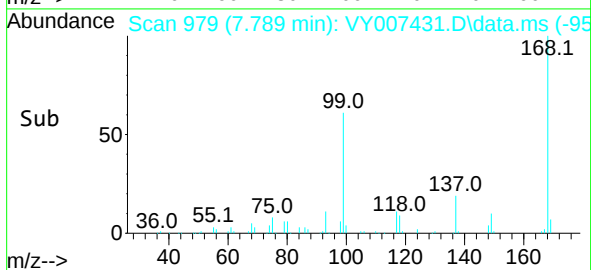
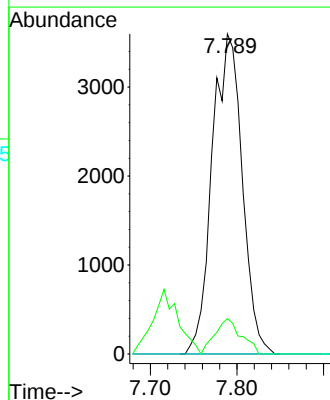
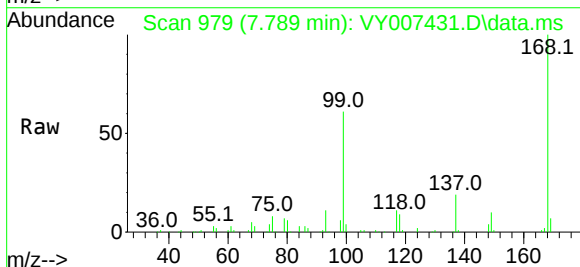
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

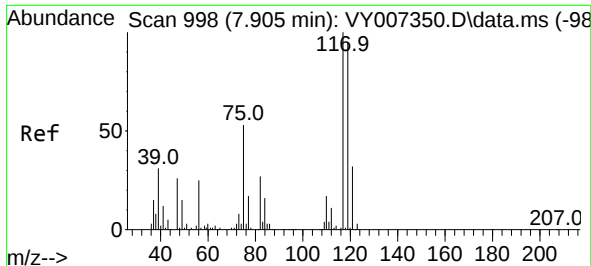
Tgt Ion:113 Resp: 64627
Ion Ratio Lower Upper
113 100
111 101.0 82.6 124.0
192 17.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.946 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

Tgt Ion: 75 Resp: 8638
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#

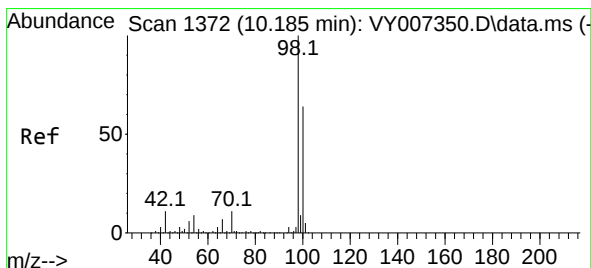
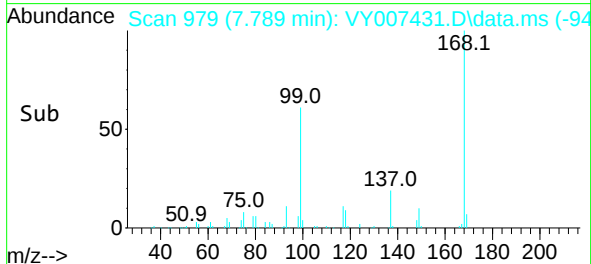
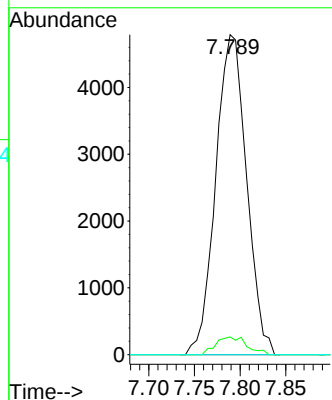
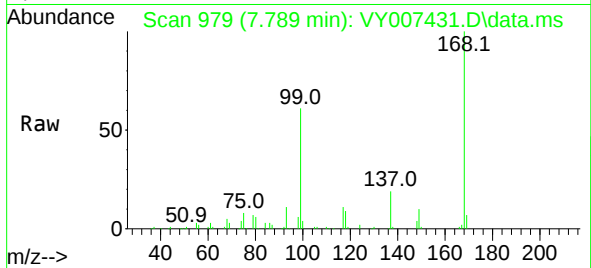




#38
Carbon Tetrachloride
Concen: 4.892 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

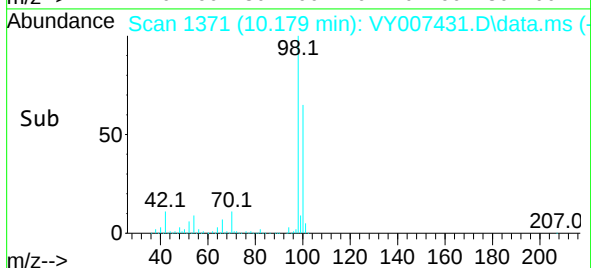
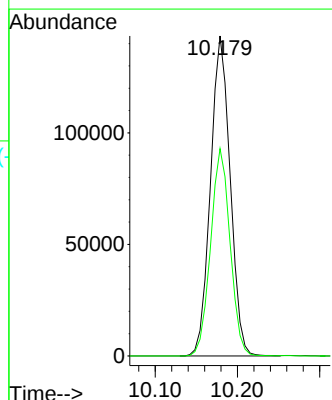
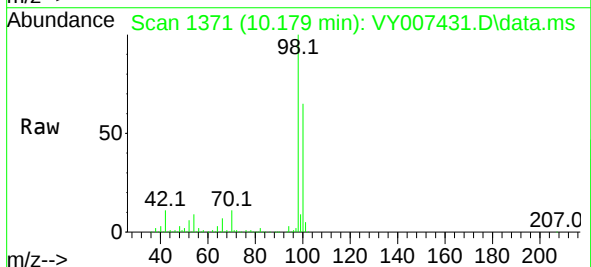
Instrument :
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ClientSampleId :
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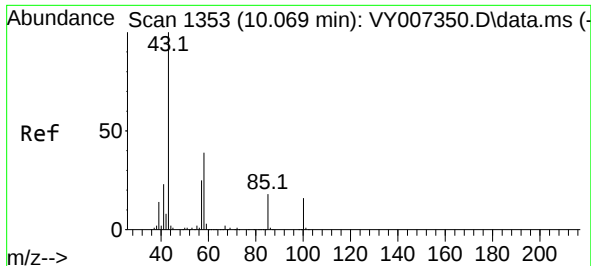
Tgt Ion:117 Resp: 11249
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.595 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

Tgt Ion: 98 Resp: 238662
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

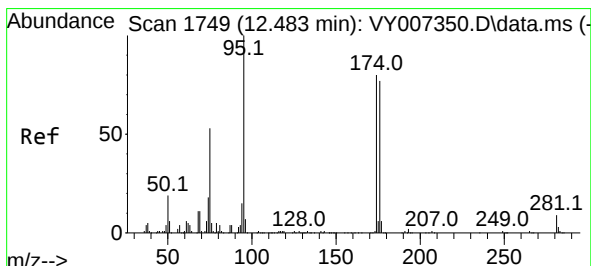
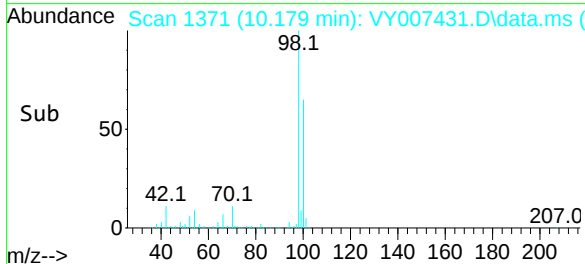
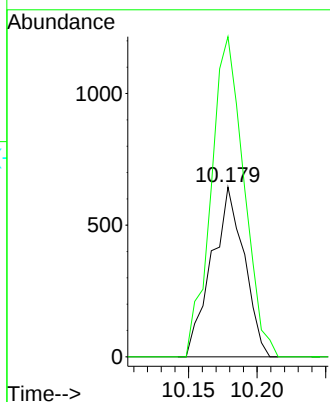
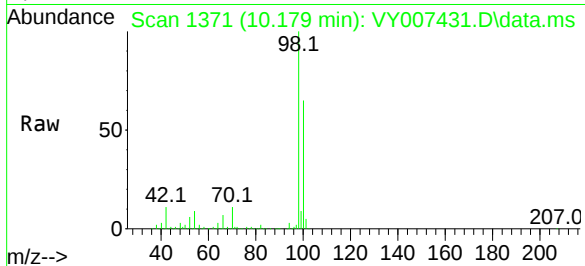




#51
4-Methyl-2-Pentanone
Concen: 1.029 ug/l
RT: 10.179 min Scan# 1353
Delta R.T. 0.110 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

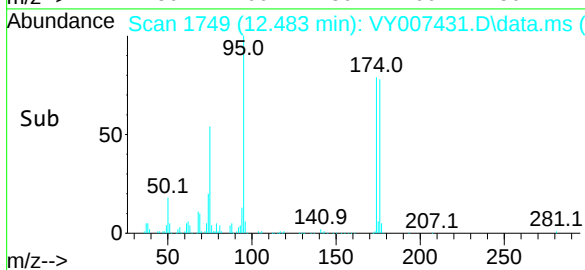
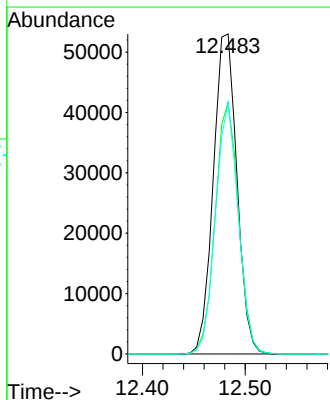
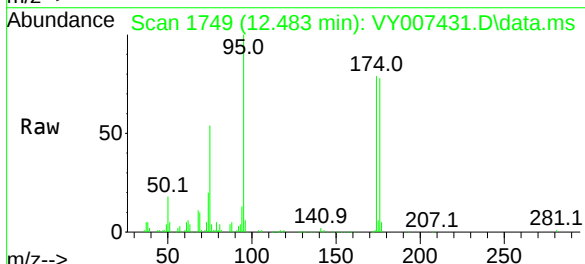
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

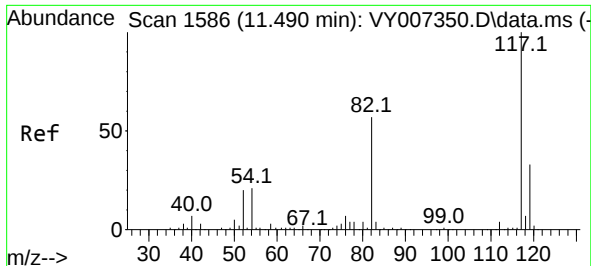
Tgt Ion: 43 Resp: 1062
Ion Ratio Lower Upper
43 100
58 190.8 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 53.715 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

Tgt Ion: 95 Resp: 84453
Ion Ratio Lower Upper
95 100
174 77.8 0.0 177.0
176 75.5 0.0 175.8

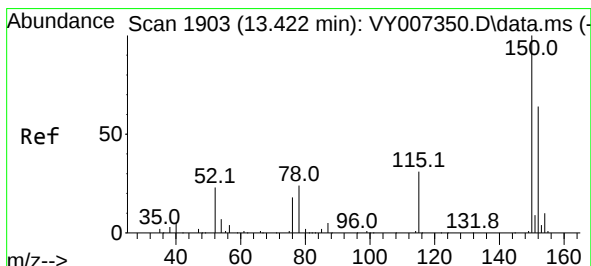
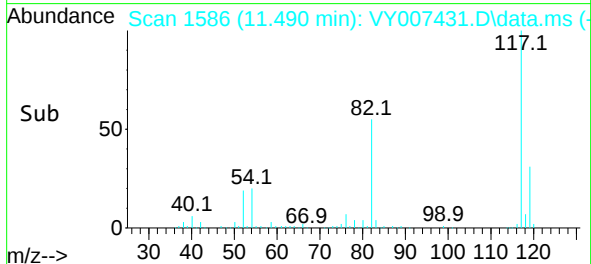
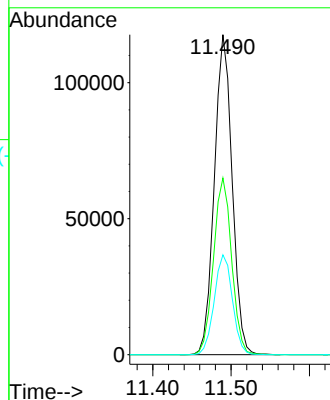
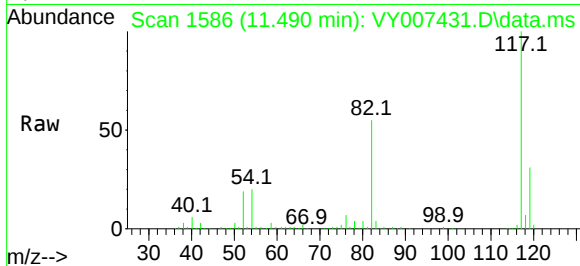




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

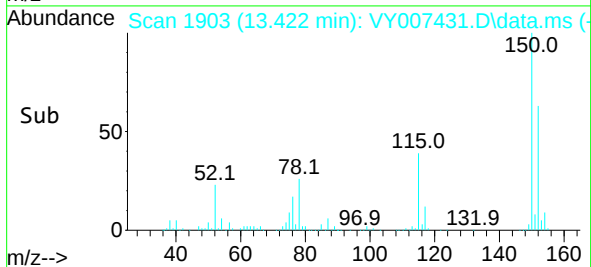
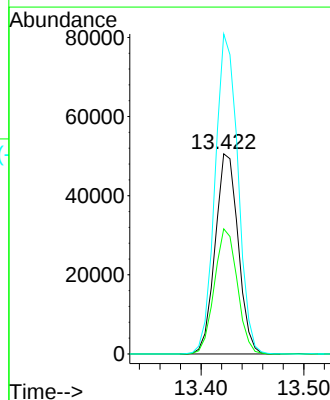
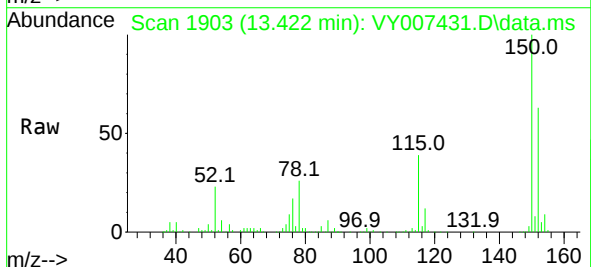
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

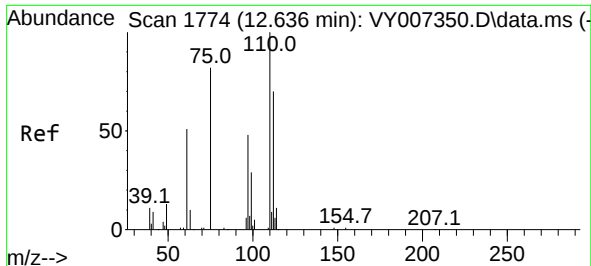
Tgt Ion:117 Resp: 185985
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

Tgt Ion:152 Resp: 78560
Ion Ratio Lower Upper
152 100
115 62.2 28.2 84.7
150 158.7 0.0 347.6

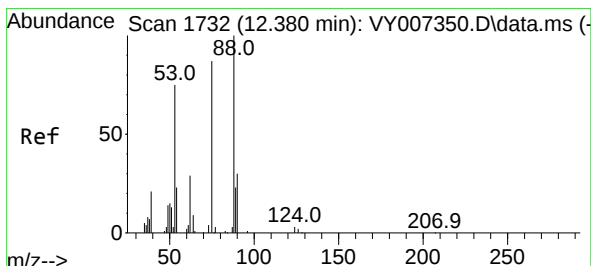
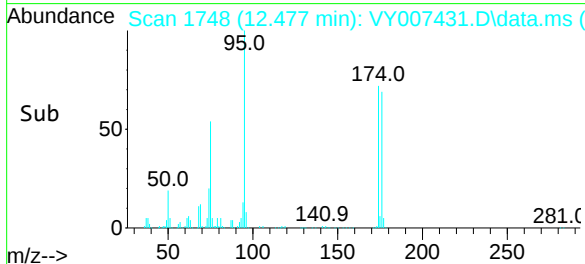
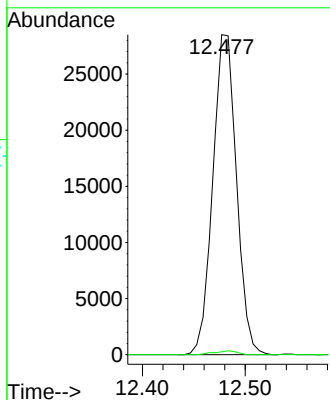
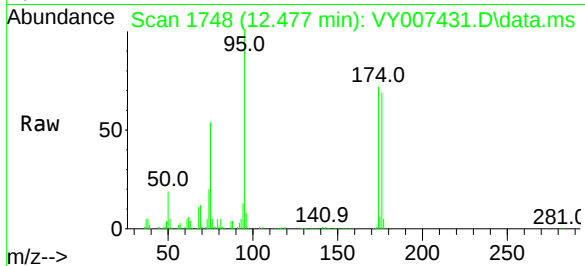




#76
1,2,3-Trichloropropane
Concen: 48.864 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

Instrument :
MSVOA_Y
ClientSampleId :
SP-2

Tgt Ion: 75 Resp: 45636
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.896 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

Tgt Ion: 75 Resp: 45636
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

